# ARISE: ANDRILL Research Immersion for Science Educators

***During the 2006 and 2007 science research seasons in Antarctica, fourteen educators from four countries took part in a successful model of teacher continuing education. This model incorporates many pieces of educational Best Practices, and besides increasing the effectiveness of the teachers directly involved in the immersion experience, it has touched the lives of thousands of teachers and students around the world who have followed the adventure.***

## *The Immersion Experience*

**The ARISE educators were integrated into the ANDRILL science discipline teams as research assistants. They experienced a wide range of science related jobs and were encouraged to question and interact with the scientists. They take home a wealth of knowledge about the process of science, and the scientists learned ways in which to bring their science alive when sharing with non-technical audiences.**

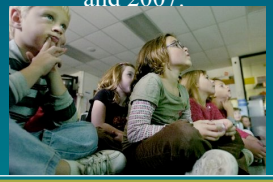
## Flag Contest

This question was posed to the students following the ANDRILL expedition: If Antarctica were to have flag, what design would best represent this pristine wilderness that plays a unique role in global science?

Over 100 entries were received and each work of art showed that students had learned a great deal about polar science.

## Polar Phone

ARISE educators conducted over 60 tele- and video- conferences to classrooms worldwide during the two-month research seasons of 2006 and 2007.



"Our phone call from AntarcticaWAS AN ABSOLUTELY INCREDIBLE EXPERIENCE TODAY! Students are learning they need to be involved in the science world. They are beginning to see they need to be investigating, questioning, searching for answers, being inquirers about their world."

Anica Brown, Teacher, Lincoln, NE

## Ask a Scientist

Teachers connected scientists to classrooms. Students had direct access to primary sources.

## Project Circle

Fifteen international schools formed a collaborative group to share ideas, cultures and learning activities while following ANDRILL's Southern McMurdo Sound (SMS) expedition. Each will present their own Flexhibit (flexible exhibit) in the next few months for their communities.

## *Postcards From the Field*

**One way in which students in classrooms around the world were involved in the on ice adventure was through Postcards from the Field. Each week, members of the ARISE team posted postcards on the web giving specific short stories explaining science concepts or giving glimpses at life in Antarctica. Students were also invited to send their own postcards to Antarctica with a question to be answered and postmarked from the Ice.**

Postcards from the Poles ANTARCTICA

Dear Friends,
At the end of Hut Peninsula, on an arm extending from McMurdo Station into the frozen Ross Sea, sits Discovery Hut…

Contact: ***Louise Huffman***, ANDRILL Coordinator of Education and Outreach, lhuffman@andrill.org

www.andrill.org/iceberg